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(54) **DOUBLE HINGE TORSION BAR**

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(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

In embodiments of a double hinge torsion bar, a portable device includes a first housing integrated with a display device, and a second housing movably coupled to the first housing. Double hinges attach to the first and second housings of the portable device, and the double hinges are operable to open and close the first and second housings relative to each other. A torsion bar movably couples the double hinges to open and close at approximately a same timing rate, which can prevent the double hinges from binding when the first and second housings are opened and closed relative to each other.

20 Claims, 4 Drawing Sheets

